Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026403.D
Acq On : 28 Jun 2023 17:09
Operator : SY/MD
Sample : 03421-23MSD
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

Quant Time: Jun 28 23:52:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	651359	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	448500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	248167	26.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.920%			
7) Chloroethane-d5	2.893	69	228901	34.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 136.120%			
11) 1,1-Dichloroethene-d2	4.015	65	112943	26.363	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.440%			
21) 2-Butanone-d5	7.075	46	192164	64.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.240%			
24) Chloroform-d	7.648	84	465944	25.244	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.960%			
26) 1,2-Dichloroethane-d4	8.306	65	294361	28.383	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.520%			
32) Benzene-d6	8.276	84	897471	32.328	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.320%			
36) 1,2-Dichloropropane-d6	9.270	67	291665	32.333	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 129.320%#			
41) Toluene-d8	10.324	98	701036	28.850	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 115.400%			
43) trans-1,3-Dichloroprop...	10.574	79	108583	29.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 119.920%			
47) 2-Hexanone-d5	10.922	63	125348	90.478	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 180.960%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	247650	34.870	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 139.480%#			
66) 1,2-Dichlorobenzene-d4	13.854	152	121040	24.453	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	175687	22.438	ug/L	99
3) Chloromethane	2.222	50	270769	23.916	ug/L	99
5) Vinyl chloride	2.369	62	276584	23.496	ug/L	100
6) Bromomethane	2.783	94	167233	25.883	ug/L	98
8) Chloroethane	2.923	64	196838	31.184	ug/L	99
9) Trichlorofluoromethane	3.259	101	203424	24.500	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	161536	17.971	ug/L	96
12) 1,1-Dichloroethene	4.039	96	191393	22.725	ug/L	87
13) Acetone	4.112	43	408580	171.645	ug/L	100
14) Carbon disulfide	4.386	76	537457	18.059	ug/L	100
15) Methyl Acetate	4.673	43	152770	27.995	ug/L	100
16) Methylene chloride	4.917	84	226583	20.556	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	201917	21.812	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	444838	30.725	ug/L	97
19) 1,1-Dichloroethane	6.215	63	454264	23.431	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	231235	23.115	ug/L	97
22) 2-Butanone	7.166	43	342202	93.955	ug/L	100
23) Bromochloromethane	7.514	128	103252	24.063	ug/L	97
25) Chloroform	7.672	83	421346	23.450	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026403.D
Acq On : 28 Jun 2023 17:09
Operator : SY/MD
Sample : 03421-23MSD
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

Quant Time: Jun 28 23:52:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	336999	26.087	ug/L		96
29) Cyclohexane	7.953	56	229230	17.700	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	315782	29.105	ug/L		99
31) Carbon tetrachloride	8.069	117	207768	21.302	ug/L		96
33) Benzene	8.325	78	882352	29.125	ug/L		100
34) Trichloroethene	9.093	95	200769	25.883	ug/L		97
35) Methylcyclohexane	9.337	83	152745	11.483	ug/L		99
37) 1,2-Dichloropropane	9.367	63	241504	28.533	ug/L		99
38) Bromodichloromethane	9.642	83	268142	27.586	ug/L		98
39) cis-1,3-Dichloropropene	10.074	75	324046	26.722	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	467100	85.498	ug/L		99
42) Toluene	10.385	91	797003	26.225	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	281472	27.498	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	173843	30.675	ug/L		98
46) Tetrachloroethene	10.861	164	97304	17.806	ug/L		88
48) 2-Hexanone	10.965	43	311289	80.752	ug/L		97
49) Dibromochloromethane	11.129	129	154313	26.592	ug/L		96
50) 1,2-Dibromoethane	11.233	107	165537	31.815	ug/L		93
51) Chlorobenzene	11.653	112	418106	21.568	ug/L		97
52) Ethylbenzene	11.727	91	695616	20.313	ug/L		96
53) m,p-Xylene	11.836	106	247454	19.814	ug/L		95
54) o-Xylene	12.166	106	284116	24.161	ug/L		96
55) Styrene	12.178	104	472991	23.062	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.714	83	225365	31.814	ug/L		97
59) Bromoform	12.348	173	93213	43.342	ug/L		100
60) Isopropylbenzene	12.458	105	600033	28.082	ug/L		99
61) 1,2,3-Trichloropropane	12.769	75	189907	54.953	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	395156	23.857	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	394098	24.670	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	186132	20.338	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	201714	22.024	ug/L		99
67) 1,2-Dichlorobenzene	13.866	146	175176	21.491	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.482	75	34501	43.316	ug/L		98
69) 1,3,5-Trichlorobenzene	14.622	180	54106	9.201	ug/L		98
70) 1,2,4-trichlorobenzene	15.128	180	45738	9.504	ug/L	#	89
71) Naphthalene	15.360	128	204429	21.131	ug/L		97
72) 1,2,3-Trichlorobenzene	15.549	180	37403	8.324	ug/L	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026403.D
Acq On : 28 Jun 2023 17:09
Operator : SY/MD
Sample : 03421-23MSD
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

Quant Time: Jun 28 23:52:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration